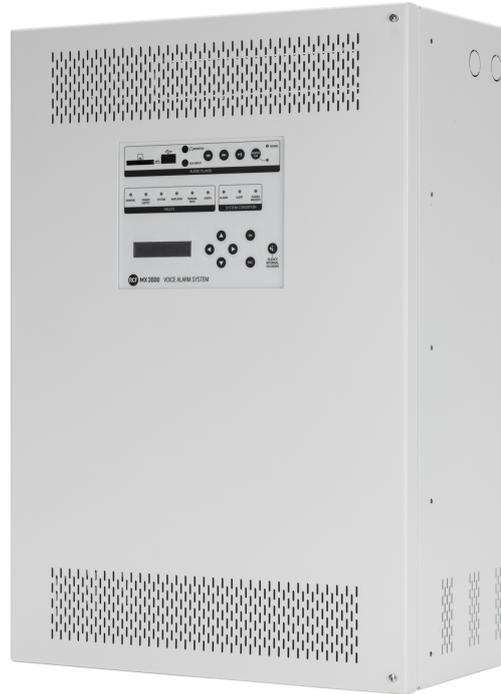




MX 3500/4

AMPLIFIED MASTER UNIT



Description MX 3500 is the master unit of the Voice Alarm system DXT 3000, dedicated to small and medium size applications where an EN 54-16 certified system is required. It is equipped with powerful and exceptionally reliable Class D power amplifiers, able to provide up to 500 W of total power. Depending on the model, it is able to serve up to 6 independent zones. Moreover, the spare power amplifier facility is also available. The internal power supply is certified EN 54-4, and the back-up batteries can be host inside the cabinet, making the system a complete and extremely compact solution. Moreover, the on-board DSP platform allows optimizing environmental equalization, maximizing voice intelligibility and background music performance. The system can be completed with emergency microphone consoles BM 3804, BM 3804FM and ME 3801, and the buttons extensions BE 3806, allowing to add live announcements functionality.

- Features**
- › 500 W total power
 - › Up to 4 zones controlled
 - › DSP platform on-board
 - › Certified EN 54-16 and EN 54-4
 - › Emergency messages on monitored SD card
 - › Spare power amplifier facility
 - › Integrated audio source on front panel
 - › Wall mount or rack mount installation

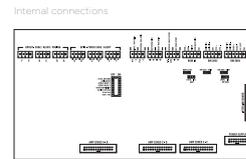
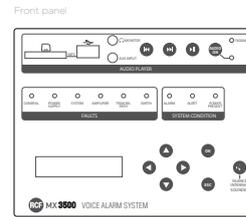
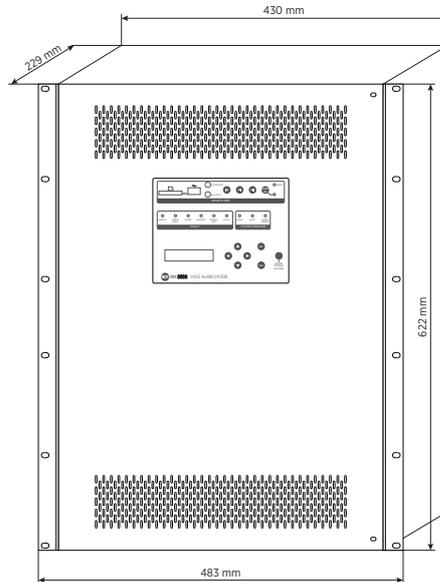
Part Number 12100010 MX 3500/4 220-240/115 V White EAN 8024530014704



MX 3500/4

AMPLIFIED MASTER UNIT

Line Art 2D



System specifications

TECHNICAL SPECIFICATIONS

- Number of zones managed
- Built-in power amplifier
- Spare amplifier automatic change-over
- Max number of consoles
- Number of console buses
- Number of simultaneous emergency audio channels
- Max number of units connectable
- Communication bus
- Connection Cables
- Integrated pre-recorded emergency messages

- 4
- Yes
- Yes
- 4
- 1
- 1
- 8
- Serial
- J-Type fire-rated
- Yes

Amplifier specifications

- Amplifier Class
- Number of channels
- Power output (@ 100 V)
- A/B speakers line
- Frequency Response (-3dB)
- Signal/noise rate ("A" weighted)
- Distortion (THD+N) @ 1 kHz nominal power

- D+
- 4
- 500 W RMS
- Yes
- 80 Hz ÷ 16 kHz
- >98 dB
- <0.3 %

Input section

- Total number of inputs
- Balanced
- Mono
- Line inputs
- Line connectors
- VOX
- Paging inputs
- Paging connectors
- Paging command
- Paging emergency
- General Purpose Inputs (GPI)
- Monitored GPI
- Photo-coupled GPI

- 3
- 3
- 3
- 2
- Euroblock, JACK
- Yes
- 1
- Euroblock
- Serial
- Yes
- 6
- 6
- 6



MX 3500/4

AMPLIFIED MASTER UNIT

Output section	Signal output number	1	
	Signal output connectors	JACK	
	Power output lines	4	
	Power output connectors	Euroblock	
	General Purpose Outputs (GPO)	6	
Processing	DSP	Yes	
	Tone controls	Yes	
	High-pass filter	20 Hz ÷ 500 Hz	
Controls	Configuration	DIP switch, Front panel	
	Chime tone	Yes	
Protections	Cooling	Convection	
	Short circuit	Yes	
	Thermal	Yes	
	DC	Yes	
	Fuses	Yes	
Audio sources	VHF (Very High Frequencies)	Yes	
	USB pen drives	Yes	
	SD card	Yes	
Power requirement	Operating voltage	220-240/115 V- 50/60Hz	
	Voltage selection	Internal	
	DC power	Yes	
	DC power value	48 V	
	Power consumption	700 W	
Standard compliance	IP protection grade	IP 30	
	Safety agency	CE compliant	
	EN54-16 certified	Yes	
	EN54-4 certified	Yes	
	CPR number	0068-CPR-007/2015	
Physical specifications	Cabinet/Case Material	Metal	
	Color	White	
	Rack mounting	19", 14U	
Size / Weight	Height	620 mm / 24.41 inches	
	Width	430 mm / 16.93 inches	
	Depth	230 mm / 9.06 inches	
	Weight	20.7 kg / 45.64 lbs	
	ACCESSORIES		
Electronics	14380036 BE 3806		EAN 8024530012120
	14322013 BM 3022	Grey	EAN 8024530007034
	14380028 BM 3804		EAN 8024530012137
	14380037 BM 3804FM	Red - RAL 3000	EAN 8024530012885
	14322030 ME 3801	White	EAN 8024530015732
	BATTERIES		
	13360317 BATT 18AH 2X		EAN 8024530015923
	BOARDS		
	12399015 IE 3008	Black	EAN 8024530015152
	12399049 IT 3010	Black	EAN 8024530016388
	13360344 MG 3006		EAN 8024530013356
	END OF LINES		
17170176 EOL 3-9		EAN 8024530011864	
Cables	CABLES		
	12399047 CJ 428CAT		EAN 8024530016449